ABSTRACT OF THE DISCLOSURE

A CORBA Gateway between CORBA-based applications and an enterprise manager may be configurable to manage various networked objects, such as printers,

5   scanners, copiers, telephone systems, cell phones, cell phone towers, phone systems, faxes, routers, switches, etc., which may be interconnected via networks. CORBA-based manager applications may communicate managed object-related messages, such as events, requests, and responses, with the managed objects through a CORBA Object Request Broker (ORB). The CORBA gateway may translate the manager requests from

10 IDL to PMI requests. Similarly, the CORBA gateway may translate the enterprise manager PMI responses and PMI events to IDL/IIOP responses and events which may be passed on through the CORBA ORB to the manager applications in the form of IDL responses and CORBA events. The use of IDL/CORBA as the interface between manager applications and managed objects provides a platform-independent approach to

15 managing the object-related messages, however, the JIDM standard does not explicitly mandate the IDL format of these messages. In some embodiments, the client may choose the format in which to send and receive message information. To provide text based events, requests, and replies, an extension IDL interface may be used. For example, a new IDL interface may be provided which extends the standard JIDM specifications

20 allowing clients to send and receive messages using values in text form rather than in CORBA::Any, which may greatly reduce the network traffic related to managed object events, requests, and responses.